

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,933,145 B1  
DATED : August 23, 2005  
INVENTOR(S) : Richard W. Moyer and Yi Li

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [\*] Notice, "Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days." should read -- Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days. This patent is subject to a terminal disclaimer. --.

Column 1,

Line 50, "cup genes" should read -- cap genes --.

Column 4,

Line 14, "concernscells" should read -- concerns cells --.

Line 36, "phololyase" should read -- photolyase --.

Column 5,

Line 45, "30 min. then" should read -- 30 min, then --.

Column 6,

Line 24, "genome, (A)" should read -- genome. (A) --.

Line 50, "Brief Description of the Sequence" should read -- Brief Description of the Sequences --.

Column 8,

Lines 45-46, "phosphorylase 1 (NPH I)" should read -- phosphorylase I (NPH I) --.

Column 9,

Line 30, "consensus" should read -- consensus --.

Lines 37-38, "proteins. (2)" should read -- proteins, (2) --.

Column 10,

Line 65, "such as lucZ" should read -- such as lacZ --.

Column 11,

Line 24, "excellent-vector" should read -- excellent vector --.

Line 40, "expression of AMEPV" should read -- expression of AmEPV --.

Line 47, "as a sector" should read -- as a vector --.

Column 12,

Line 50, "repeals" should read -- repeats --.

Column 13,

Line 12, "Ba<sup>a</sup>" should read -- aa<sup>a</sup> --.

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Column 15,

Line 19, "AF063886" should read -- AF063866 --.  
Line 29, "AF021176" should read -- AF022176 --.  
Line 38, "69546-68505" should read -- 69548-68505 --.  
Line 52, "helicase (tBR)" should read -- helicase (I8R) --.  
Line 54, "82" should read -- 62 --.  
Line 55, "76827-77028" should read -- 76627-77028 --.  
Line 60, "AF083866" should read -- AF063866 --.  
Line 63, "83288-82440" should read -- 83228-82440 --.  
Line 63, "AF083868" should read -- AF063866 --.  
Line 76, "90120-69695" should read -- 90120-89695 --.

Column 16,

Line 7, "808" should read -- 608 --.  
Line 23, "288" should read -- 286 --.

Column 17,

Line 54, "128909-130115" should read -- 129909-130115 --.  
Line 77, "F. neoformas polyubiquitin" should read -- F. neoformas polyubiquitin --.  
Line 77, "ubiquitin" should read -- ubiquitin --.  
Line 78, "148669-146316" should read -- 146669-146316 --.

Column 19,

Line 9, "MSV113 VETF-3 (D6R)" should read -- MSV113 VETF-s (D6R) --.  
Line 11, "HaEPV orf5" should read -- HaEPV orf6 --.  
Line 41, "MSV162 NAD-dep DNA ligase" should read -- MSV162 NAD+dep DNA ligase --.

Column 20,

Line 33, "874" should read -- 674 --.

Column 21,

Line 6, "198415-195996" should read -- 196415-195996 --.  
Line 15, "200248-198973" should read -- 200248-199973 --.  
Line 33, "298261-208905" should read -- 208261-208905 --.

Column 22,

Line 61, "co-linearcore" should read -- co-linear core --.  
Line 64, "(VV)." should read -- (VV), --.

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Column 23,

Lines 38-39, "*Virol.* 71 :9557" should read -- *J. Virol.* 71:9557 --.

Lines 48-49, "Hoia-Mitchell" should read -- Hota-Mitchell --.

Column 24,

Line 47, "Identification.cloning" should read -- Identification, cloning --.

Column 26,

Line 6, "533-552.) 6kb" should read -- 533-552), 6kb --.

Column 29,

Line 13, "181" should read -- 161 --.

Line 66, "lyrosine" should read -- tyrosine --.

Column 31,

Line 40, "Am EPV" should read -- AmEPV --.

Column 32,

Line 42, "MSV 196" should read -- MSV196 --.

Column 33,

Line 12, "residues. AMV076" should read -- residues, AMV076 --.

Column 35,

Line 16, "2'-methylation" should read -- 2'O-methylation --.

Line 66, "Y-1-G-S-X-X" should read -- Y-I-G-S-X-X --.

Column 37,

Line 52, "Vileinskas, A." should read -- Vilcinskas, A. --.

Column 38,

Line 14, "inflamnation" should read -- inflammation --.

Line 17, "Serpins. In" should read -- Serpins, In --.

Column 41,

Line 63, "associate Keith" should read -- associate with --.

Column 42,

Line 4, "reaction. PCR" should read -- reaction, PCR --.

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Column 54,

Line 61, "50  $\mu$ I total" should read -- 50  $\mu$ l total --.

Column 55,

Line 53, "Oligonucleotideprimers" should read -- Oligonucleotide primers --.

Column 57,

Line 20, "muzyczika" should read -- muzyczka --.

Lines 42-43, "modification oft an" should read -- modification of an --.

Column 59,

Line 8, "factors in trains" should read -- factors in trans --.

Column 60,

Line 66, "gene transfervector" should read -- gene transfer vector --.

Column 61,

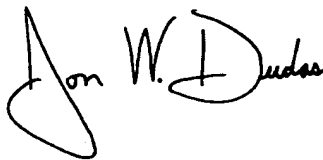
Lines 17-18, "IFN-'/ $\beta$ .IFN-(.TNF" should read -- IFN-"/ $\beta$ , IFN-(,TNF --.

Column 63,

Line 12, "according to claim 1" should read -- according to claim 2 --.

Signed and Sealed this

Thirteenth Day of June, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*